

## MONITORING OF STERILANT APPARATUS AND METHOD FOR MONITORING STERILANT

### Abstract of the Disclosure

5 An apparatus for monitoring the concentration of an oxidative gas or vapor  
includes a chemical substance which reacts with the oxidative gas or vapor to produce a  
heat change. A temperature probe is coupled to the chemical substance and adapted to  
respond to the heat change. The temperature probe can be coupled to the chemical  
substance by a carrier, and can include a reference temperature probe. Additionally, a  
method of using the apparatus is described, as well as a sterilization system which  
10 utilizes the apparatus.

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